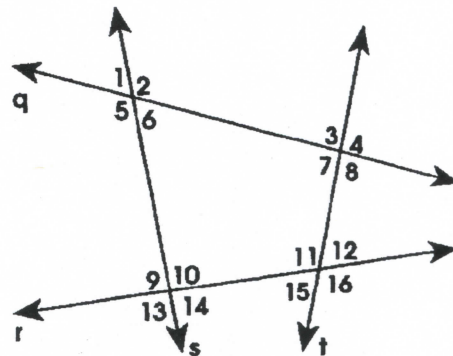


# Unit 3 Worksheet 2

For #1 - 12, use the picture below to decide if the angles are *alternate interior*, *alternate exterior*, *consecutive interior*, *consecutive exterior*, *corresponding*, *vertical* or *none*.

- |   |  |  |
|---|--|--|
| 1. $\angle 11$ & $\angle 8$<br><u>ALT. INT.</u>   | 2. $\angle 1$ & $\angle 14$<br><u>ALT. EXT.</u>  | 3. $\angle 13$ & $\angle 15$<br><u>CORRES.</u>   |
| 4. $\angle 3$ & $\angle 16$<br><u>ALT. EXT.</u>   | 5. $\angle 3$ & $\angle 2$<br><u>CONS. INT.</u>  | 6. $\angle 6$ & $\angle 10$<br><u>CONS. INT.</u> |
| 7. $\angle 10$ & $\angle 7$<br><u>NONE</u>        | 8. $\angle 12$ & $\angle 8$<br><u>CONS. INT.</u> | 9. $\angle 6$ & $\angle 9$<br><u>ALT. INT.</u>   |
| 10. $\angle 10$ & $\angle 15$<br><u>ALT. INT.</u> | 11. $\angle 6$ & $\angle 1$<br><u>VERT.</u>      | 12. $\angle 7$ & $\angle 15$<br><u>CORRES.</u>   |



For #13 - 27 use the picture below to answer the questions.

13.  $\angle a$  &  $\angle e$  are what type of angle pair? CORRES.
14.  $\angle c$  &  $\angle e$  are what type of angle pair? CONS. INT.
15.  $\angle a$  &  $\angle g$  are what type of angle pair? CONS. EXT.
16.  $\angle a$  &  $\angle f$  are what type of angle pair? ALT. EXT.
17.  $\angle c$  &  $\angle d$  are what type of angle pair? ALT. INT.
18.  $\angle d$  &  $\angle g$  are what type of angle pair? VERT.
19.  $\angle b$  &  $\angle e$  are what type of angle pair? ALT. INT.
20.  $\angle b$  &  $\angle d$  are what type of angle pair? CONS. INT.
21.  $m\angle a =$  50°
22.  $m\angle b =$  50°
23.  $m\angle c =$  130°
24.  $m\angle d =$  130°
25.  $m\angle e =$  50°
26.  $m\angle f =$  50°
27.  $m\angle g =$  130°

